

**LISTING OF THE CLAIMS:**

1. (Currently Amended) A method for determining the performance of a data processing system wherein a defined processing task is started by a first data processing device and finished by a second data processing device which may have separate clocks that are not synchronized, the method comprising the steps of:

by a logging device, receiving a first notification when said defined processing task is started by the first data processing device, wherein the first notification includes input data entered when processing is started by the first data processing device;

generating process start time data using a clock of the logging device, wherein the process start time data includes time of receipt by the logging device of the first notification;

by the logging device, receiving a second notification when the defined processing task is finished by the second data processing device, wherein the second notification includes at least part of the input data entered when processing is started by the first data processing device;

generating process end time data using the clock of the logging device, wherein the process end time data includes time of receipt by the logging device of the second notification; and

calculating processing time for performing said defined processing task, from start to finish, by comparing the process start time data and the process end time data;

wherein, in the step of calculating, the process start time data and the process end time data are associated with each other using keywords of the input data entered when said defined processing task is started by the first data processing device.

2. (Original) The method of claim 1, wherein the first notification includes input data entered when processing is started by the first data processing data.

3. (Original) The method of claim 2, wherein the second notification includes the input data.

4. (Original) The method of claim 2, wherein the process start time data and the process end time data are associated with each other using the input data.

5. (Original) The method of claim 1, further including the step of recording the first notification on a recording medium.

6. (Original) The method of claim 1, further including the steps of:

recording the process start time data on a recording medium; and

recording the process stop time data on the recording medium.

7. (Original) The method of claim 1, wherein the first notification includes information from a second logging device.
8. (Original) The method of claim 1, wherein the first notification includes information captured from a network when processing is started by the first data processing device.
9. (Original) The method of claim 8, wherein the process start time data and the process end time data are associated with each other using the information captured from the network.
10. (Original) The method of claim 1, wherein the second notification includes information captured from a network when processing is finished by the second data processing device.
11. (Original) The method of claim 10, wherein the process start time data and the process end time data are associated with each other using the information captured from the network.
12. (Currently Amended) The A method of claim 1, for determining the performance of a data processing system wherein processing is started by a first data processing device and finished by a second data processing device which may have separate clocks that are not synchronized, the method comprising the steps of:

by a logging device, receiving a first notification when processing is started by the first data processing device, wherein the first notification includes input data entered when processing is started by the first data processing device;

generating process start time data using a clock of the logging device, wherein the process start time data includes time of receipt by the logging device of the first notification;

by the logging device, receiving a second notification when the processing is finished by the second data processing device, wherein the second notification includes at least part of the input data entered when processing is started by the first data processing device;

generating process end time data using the clock of the logging device, wherein the process end time data includes time of receipt by the logging device of the second notification; and

calculating processing time by comparing the process start time data and the process end time data;

wherein, in the step of calculating, the process start time data and the process end time data are associated with each other using keywords of the input data entered when said defined processing procedure is started by the first data processing device; and.

wherein the first notification and the second notification are transmitted using Transmission Control Protocol.

13. (Original) The method of claim 1, wherein the first notification and the second notification are transmitted using User Datagram Protocol.

14. (Currently Amended) A data processing system comprising:

a first data processing device that starts a defined processing task;

a second data processing device for finishing said processing task; and

a logging device; wherein the logging device comprises:

logic for receiving a first notification including input data when said defined processing task is started by the first data processing device;

logic for generating process start time data using a clock of the logging device, wherein the process start time data includes time of receipt by the logging device of the first notification;

logic for receiving a second notification including at least part of the input data when said defined processing task is finished by the second data processing device;

logic for generating process end time data using the clock of the logging device, wherein the process end time data includes time of receipt by the logging device of the second notification; and

logic for associating the process start time data and the process end time data with each other using keywords of the input data, and calculating processing time for performing said defined processing task, from start to finish, by comparing the process start time data and the process end time data.

15. (Original) The data processing system of claim 14, wherein the logging device further includes logic for calculating processing time by comparing the process start time data and the process end time data.

16. (Currently Amended) A data logging system, comprising:

logic for receiving a first notification including input data when a defined processing task is started by a first data processing device;

logic for generating process start time data using a clock of the logging system, wherein the process start time data includes time of receipt by the logging device of the first notification;

logic for receiving a second notification including at least part of the input data when said defined processing task is finished by a second data processing device;

logic for generating process end time data using the clock of the logging system, wherein the process end time data includes time of receipt by the logging system of the second notification; and

logic for associating the process start time data and the process end time data with each other using keywords of the input data, and calculating processing time for performing said defined processing task, from start to finish, by comparing the process start time data and the process end time data.

17. (Currently Amended) Programmable media containing programmable software for measuring the performance of a data processing system wherein a defined processing task is started by a first data processing device and finished by a second data processing device which may have separate clocks that are not synchronized, the programmable software comprising the steps of:

receiving a first notification when said defined processing task is started by the first data processing device, wherein the first notification includes input data entered when processing is started by the first data processing device;

generating process start time data using a logging clock, wherein the process start time data includes time of receipt of the first notification.

receiving a second notification when the defined processing task is finished by the second data processing device, wherein the second notification includes at least part of the input data entered when processing is started by the first data processing device;

generating process end time data using the logging clock, wherein the process end time data includes time of receipt of the second notification; and

calculating processing time for performing said defined processing task, from start to finish,  
by comparing the process start time data and the process end time data;

wherein, in the step of calculating, the process start time data and the process end time data are associated with each other using keywords of the input data entered when processing is started by the first data processing device.



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